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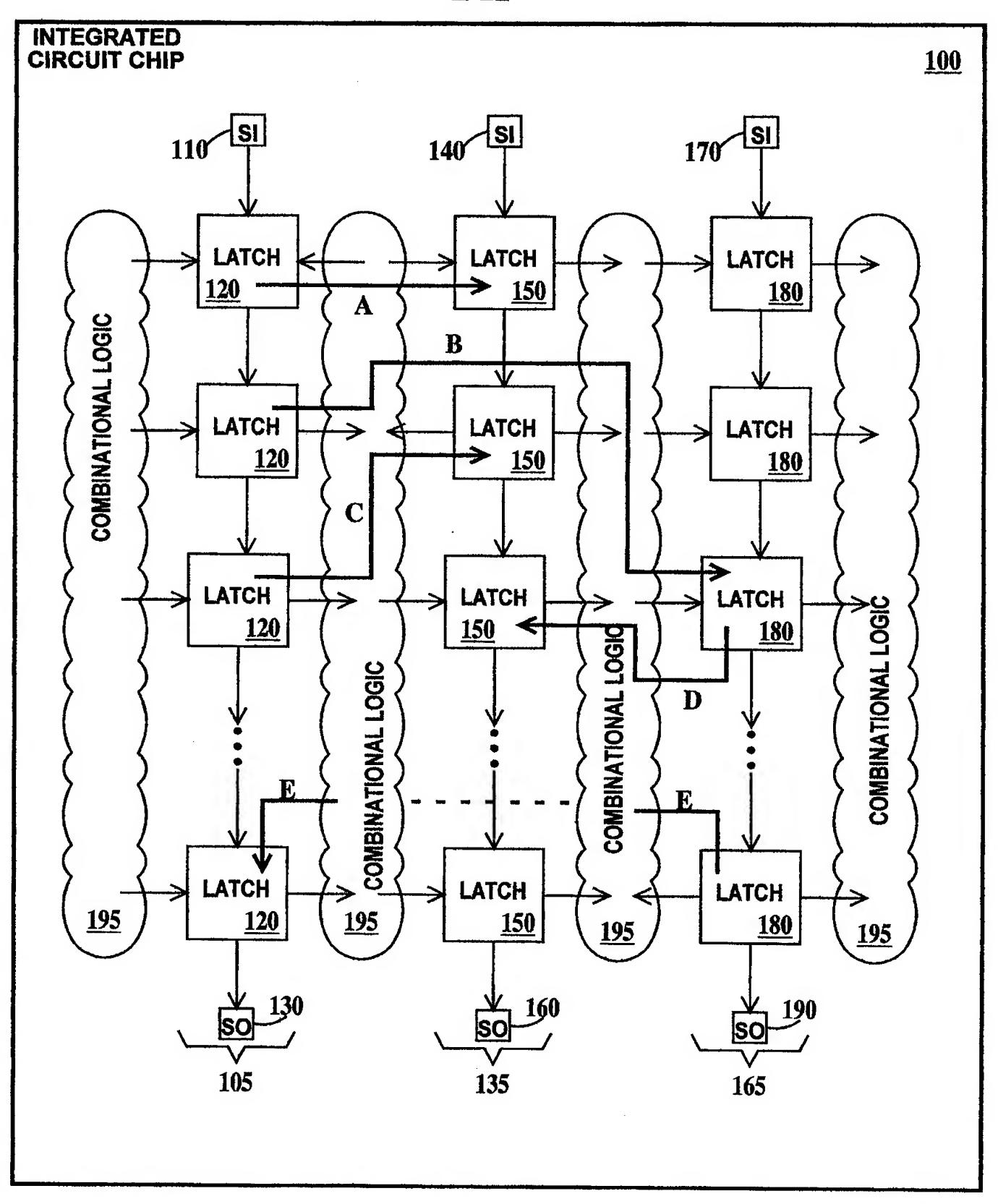
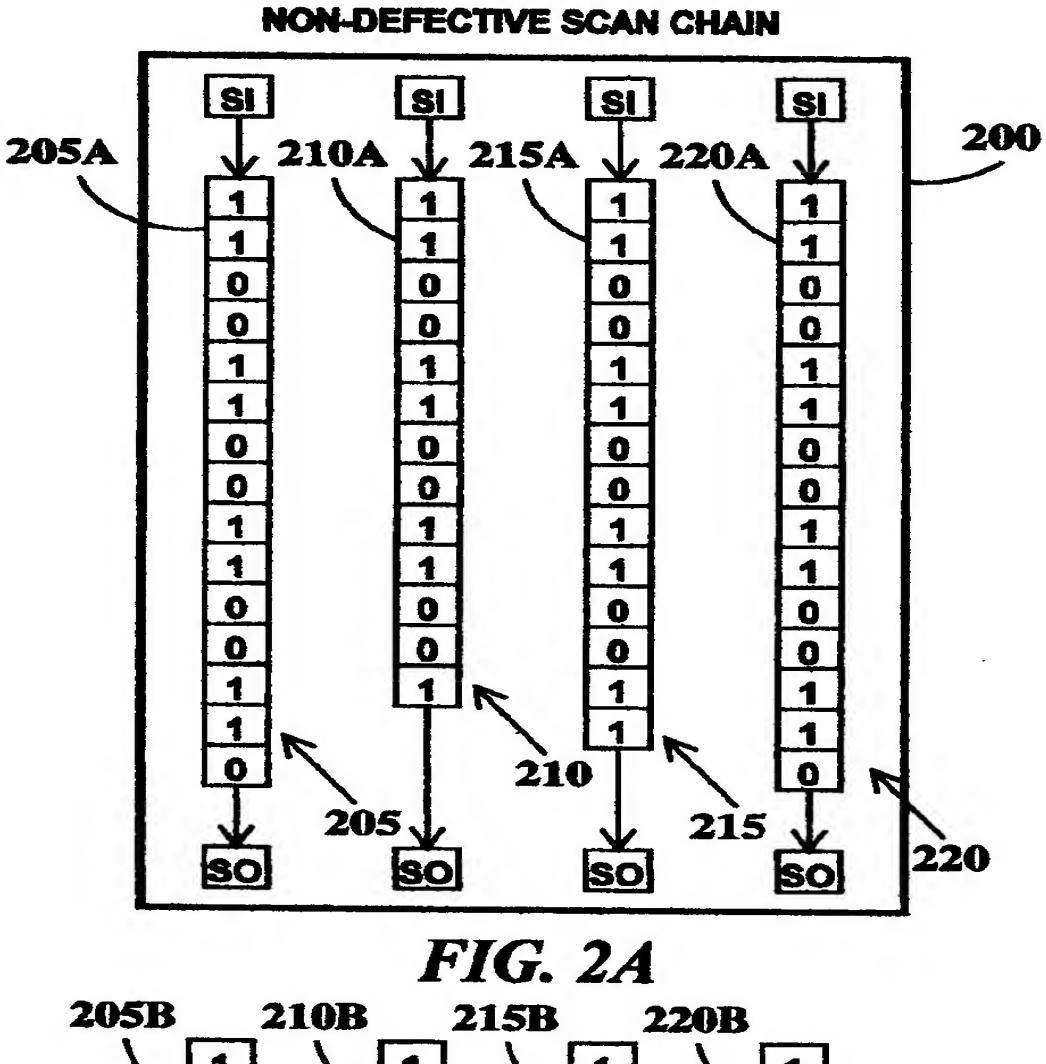


FIG. 1

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NON-DEFECTIVE SCAN CHAIN



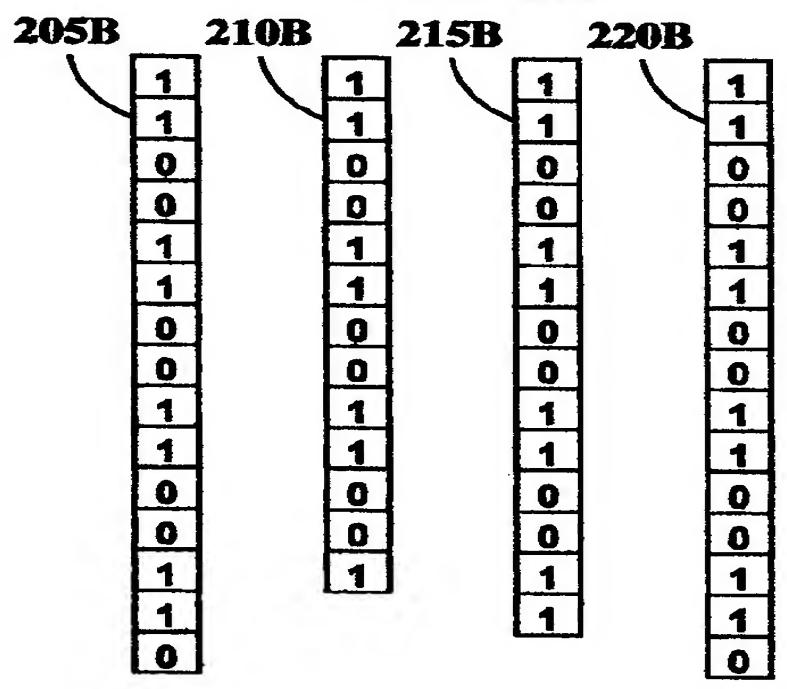


FIG. 2B

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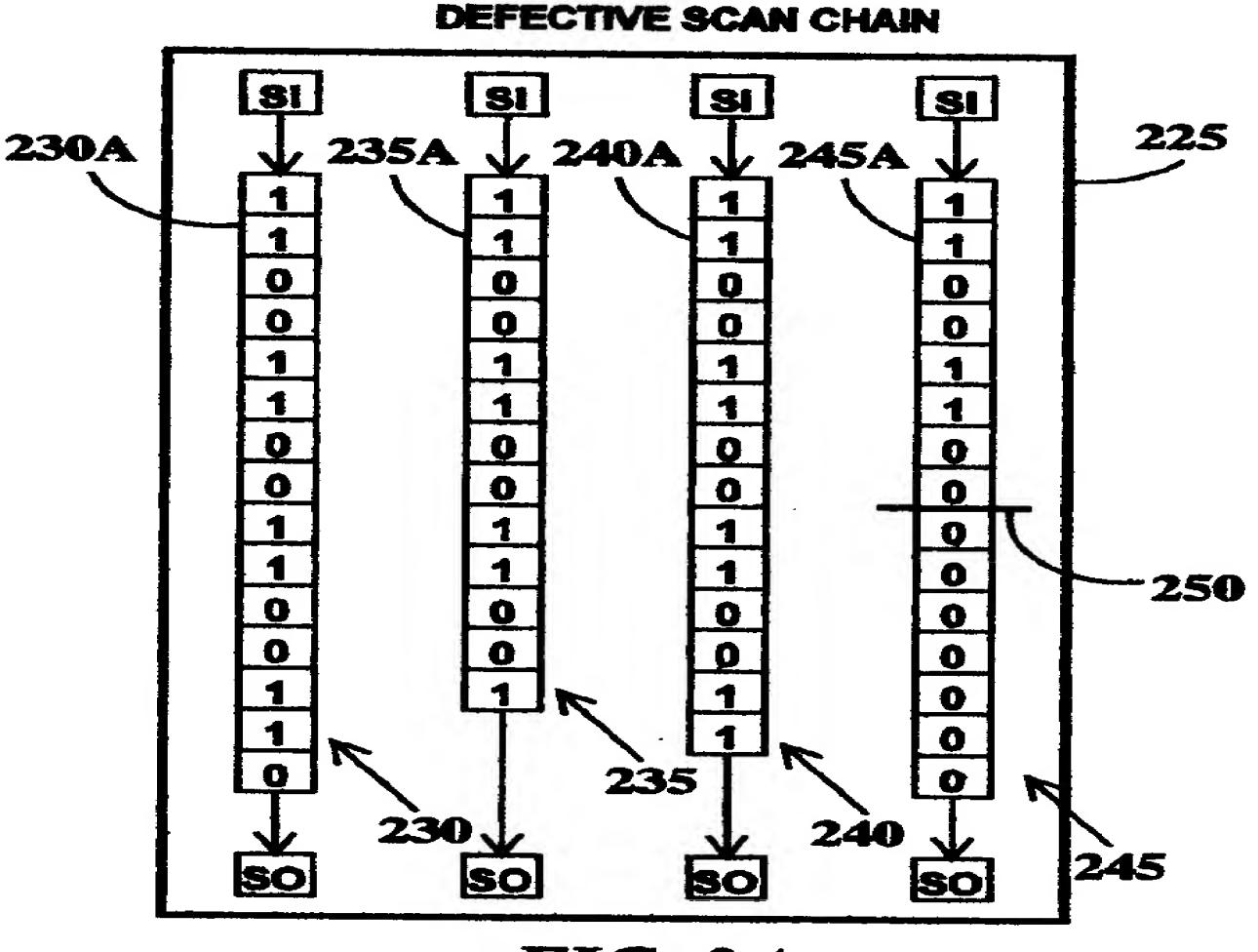


FIG. 3A

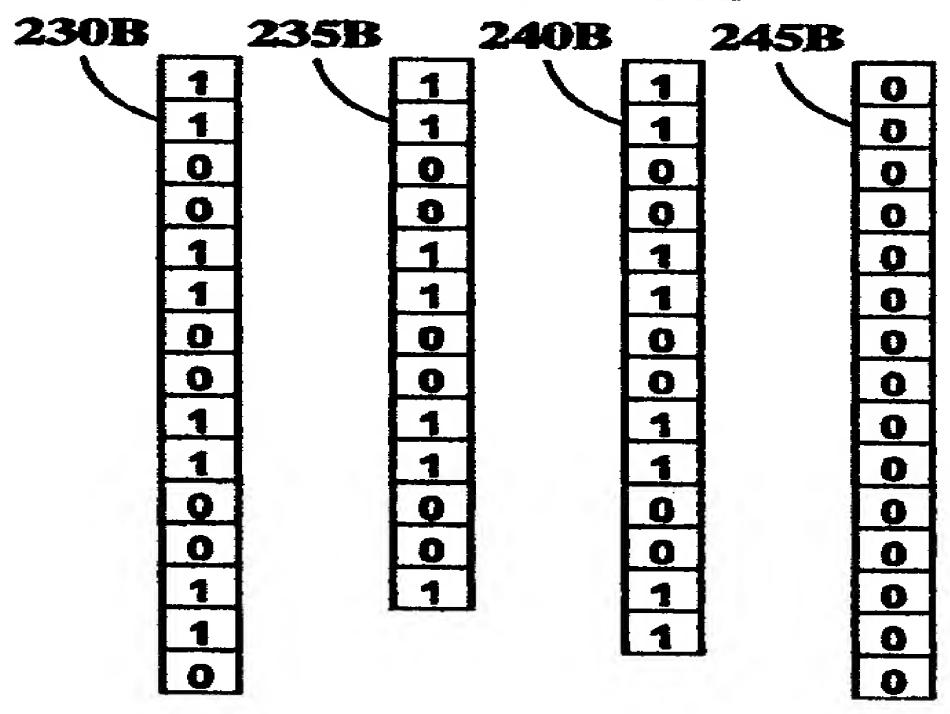


FIG. 3B

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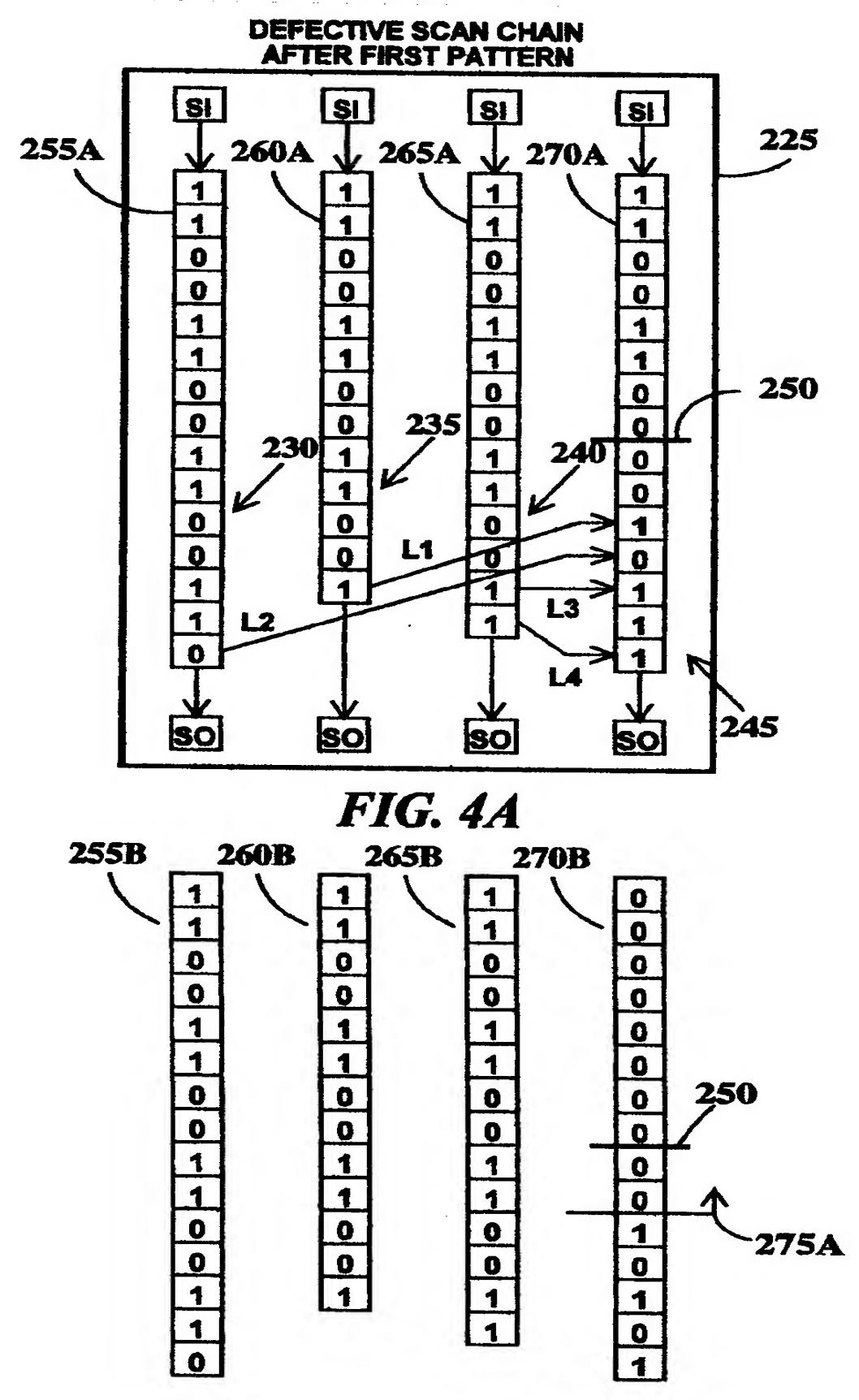


FIG. 4B

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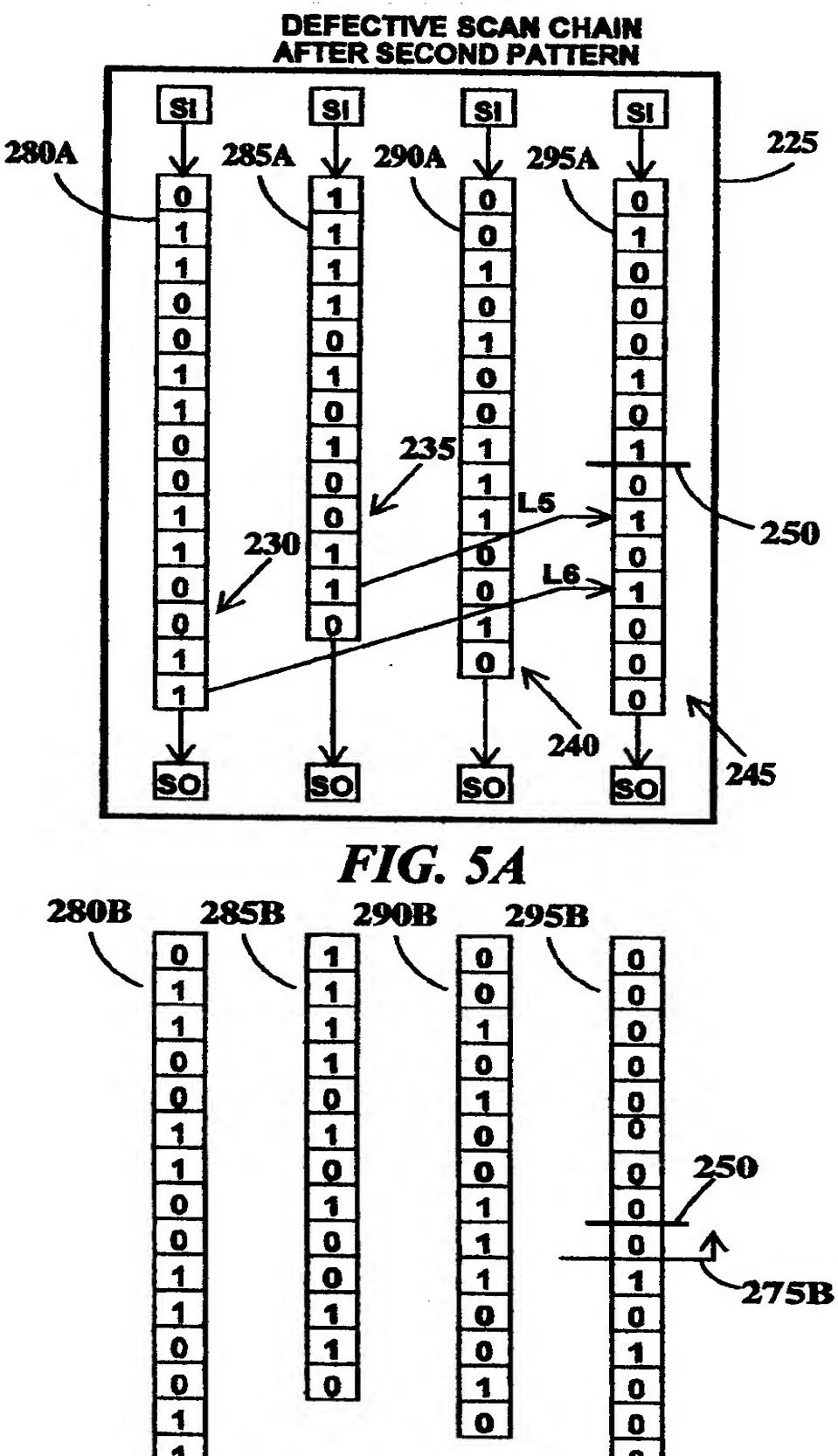


FIG. 5B

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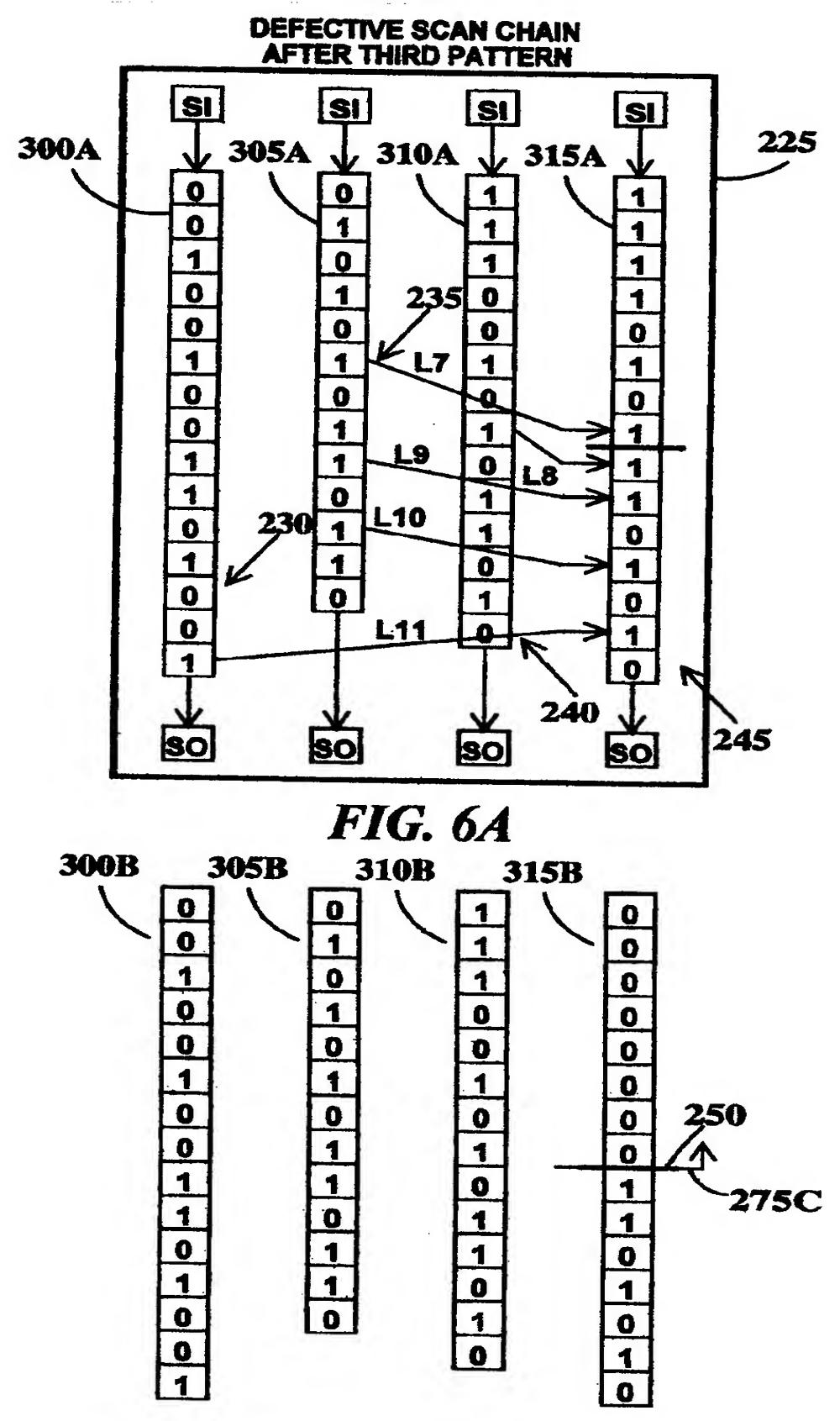


FIG. 6B

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FIG. 7A

	FIRST PATTERN												
	LOA	/D -	·	> TEST -									
1101000100011	1 0 1 0 1 0 1 0 1 0	0 0 0 1 1 0 0 1 1 1 1 1 A	1 1 0 1 0 0 1 0 0 1 1	CLK C PULSES	011100101110	0 0 1 1 1 1 1 0 0 0 0 1 1 1	1 1 0 1 0 0 0 1 1 1 1 1 1 0 1 B	10110011110011110					

FIG. 7B

						···	· ·					
				d	F TABLE				3	35		
	Z	CUMUL ERO INSE	ATED RTIONS		325		CUMULATED 33					
:	0	0	-	-			-		-	1	-	
	-	-	-	0			-		_	1	_	
	-	-	-	-			1		_		4	
	-	-	-	-			_		1		-	
	-	-	0	-					1	_	_	
	-	-	-	0			1		-	-	_	
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	-	0	-	-			-		_	-	-	
	-	-	-	-			-		-	1	_	
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Ì	-	-	-	-			1		1	1	1	
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	-	2	<u>-</u>	-			-		4		-	
	0		3	0			-			4	_	
<u>L</u>	3			3			5				4	

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FIG. 8A

	SECOND PATTERN													
	L	OAD			> UNLOAD									
0	1	1	0		0	1	<u>o</u>	0						
1	0	1	0		1	0	1	1						
1	1	0	1		1	1	0	1						
1	0	0	0		0	0	0	1						
1	1	0	0		1	1	0	0						
0	0	1	1	CLK C	0	1	1	<u>o</u>						
1	0	1	0	PULSES	1	0	1	0						
0	1	0	1		1	1	0	1						
0	1	0	0		0	1	0	1						
0	0	1	0		0	0	11	0						
1	1	1	1		1	1	1	<u>o</u>						
0	0	0	0		0	1	0	0						
1	0	1	1		1	0	0	<u>o</u>						
0		0	0		1		Ō	0						
0			0	•	0		<u></u>	0						
	34	10A		•		34	ÓВ							

FIG. 8B

	MARK OFF TABLE														<u>335</u>		
		CUM ZERO II	ULAT ISER				<u>325</u>	CUMULATED 33 ONE INSERTIONS							330		
	0	0 0 0				-							1	1 -			
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	0	-		-		-			-		-				-		
	0	-		-		-			-		1		-		1		
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	-	-		-		-			1		-		-		1		
	0	-		-		-			1		-		-		1		
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	0			3		0			-				4	Į			
	4					5			7						6		

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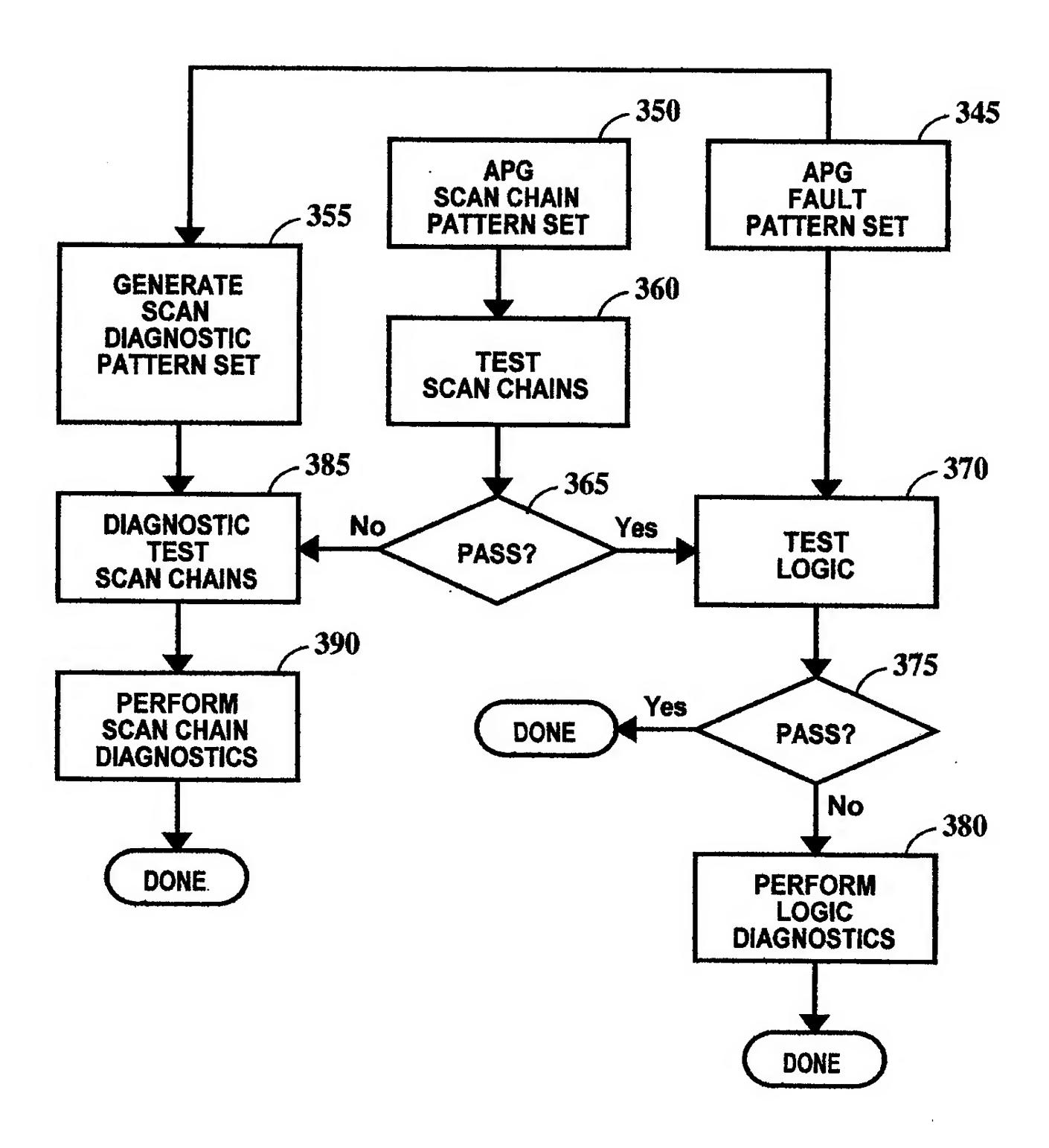


FIG. 9

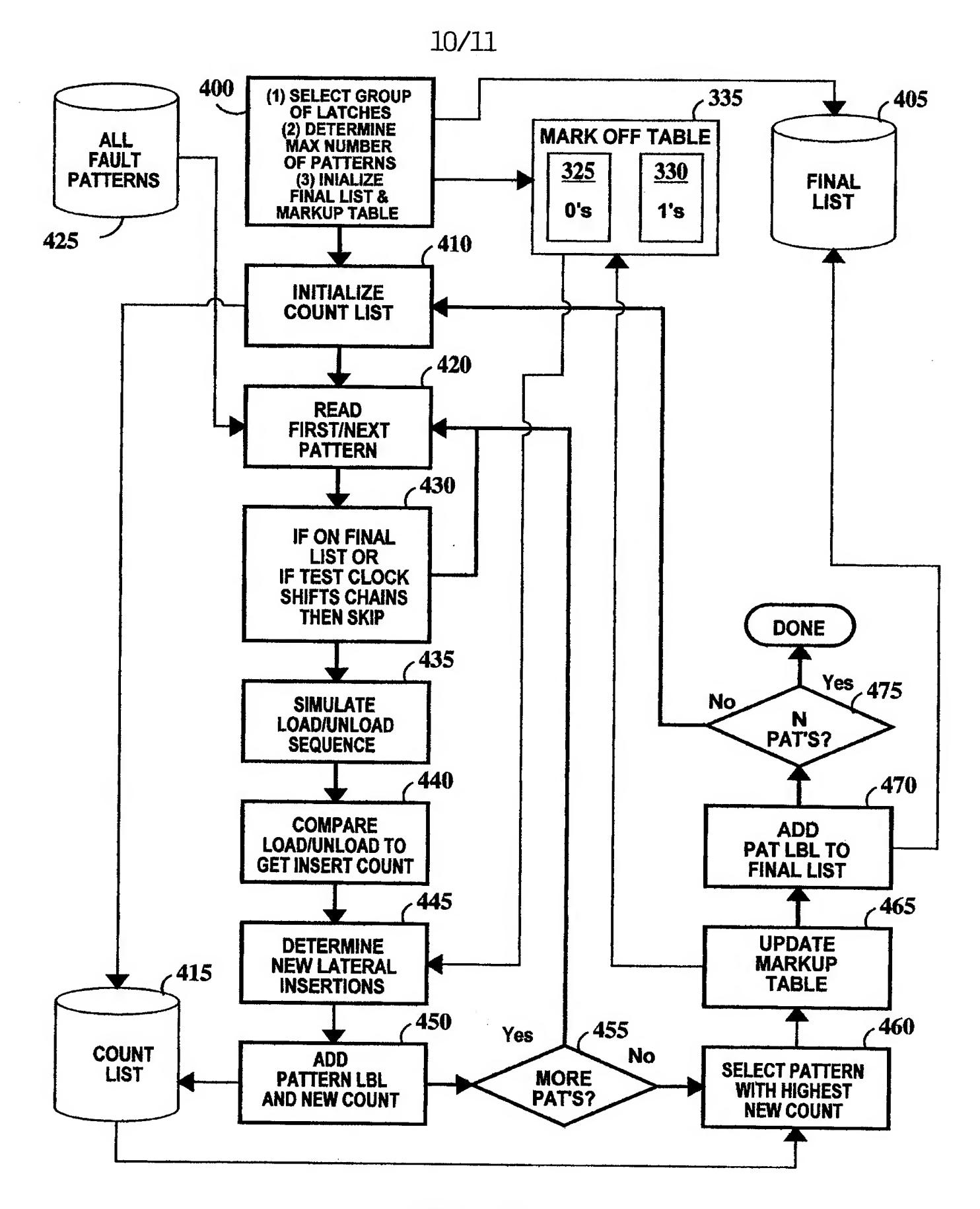


FIG. 10

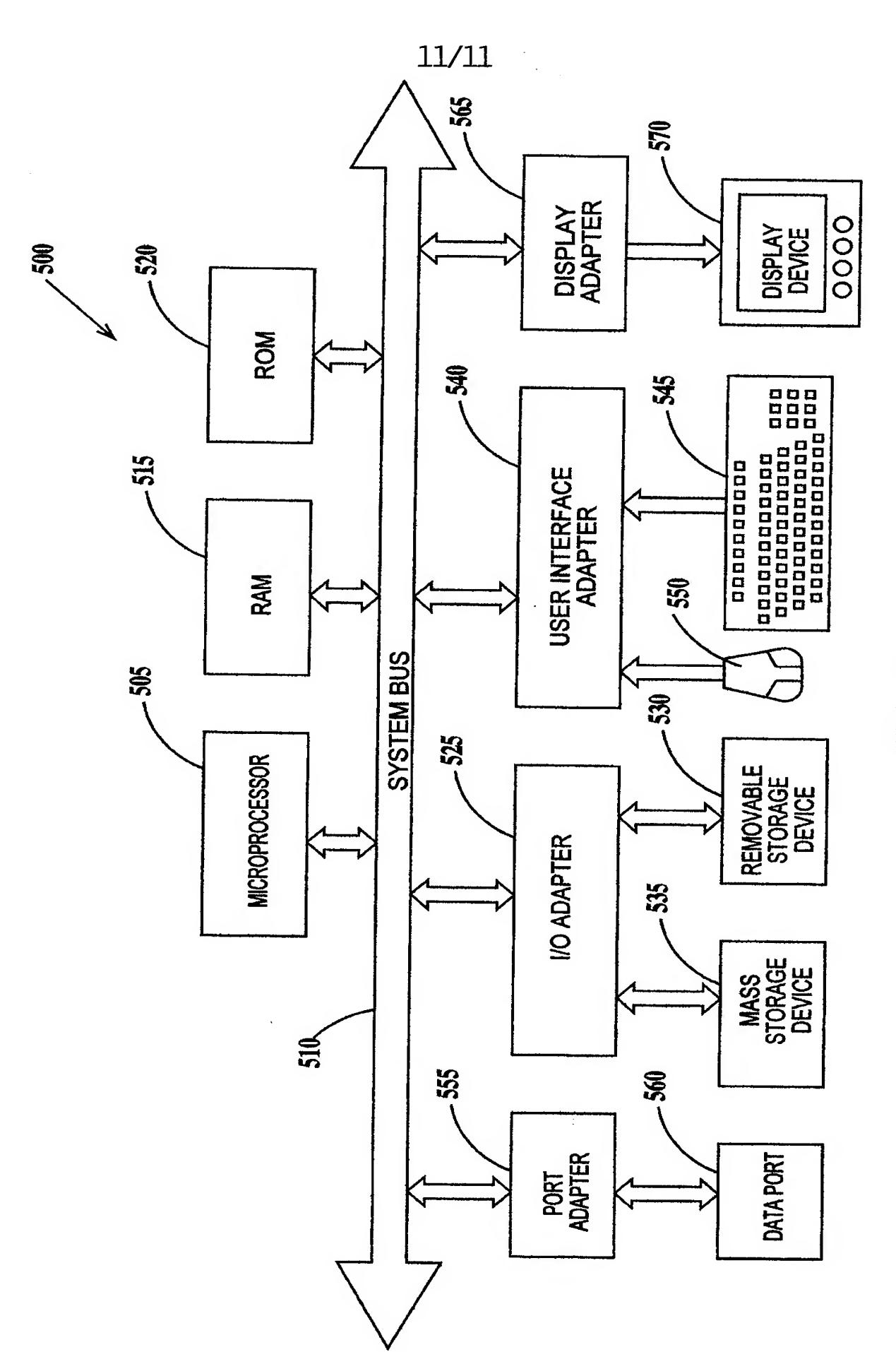


FIG. 11